



## BCI TC

### Product Description:-

is a single component moisture curing for extended polyurethane liquid applied elastomeric membrane, design to use as tack coat for BCI HMP.

### Recommended Uses:

Used for bonding BCI HMP on BCI Polyurea bridge deck waterproofing system.

### Direction for Use Surface Preparation:

Apply BCI TC within the indicated overcoating time of the applied Polyurea Bridge Deck waterproofing membrane. No further substrate preparation is necessary. If the overcoating time of the applied waterproofing membrane is exceeded, the surface must be prepared mechanically by a light grinding prior applying BCI TC.

### Catalyst:

Although BCI TC attains a relatively fast cure, a special catalyst, urethane accelerator, may be added to reduce the curing time if humidity is low or if early rainfall is anticipated. In the uncured state, light rainfall will not cause physical or chemical damage to BCI TC, however, heavy rainfall may cause such physical damage that the material will have to be reapplied. BCI TC may develop blisters or bubbles when applied to concrete having a relatively rough finish or sand pits. This can be minimized by applying a prime coat of BCI TC that has been diluted with

### Storage:

BCI TC is stable for a period of 6 months after manufacture, when stored in the original unopened containers under a protective roof or cover at temperatures not exceeding 80°F.

### Advantages:

- Easy to apply.
- One component.
- Can be apply using brush, roller or airless spray.
- Excellent weathering and aging properties.
- Can accommodate the heat of asphalt during application.

### STANDARDS/COMPLIANCE:

The product complies with ASTM C 920 (Type S, Grade NS, Use NT, Use-A, M, O), Class 25. U.S Federal specification TT-S-00230 Type II Class A, Non Sag BS 6920

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## Technical Information:

| Properties                | Result                           |
|---------------------------|----------------------------------|
| Composition               | Polyurethane                     |
| Appearance                | Black                            |
| Specific Gravity          | 1.29 ± 0.06                      |
| Solid Content (By Weight) | 83% ASTM D 2939                  |
| Elongation                | >800 ASTM D 412                  |
| Layer Thickness           | ~500 up to 1000 microns          |
| Shelf Life                | 6 Months from date of production |

### Cleaning:

Tools and equipment may be cleaned using MEK, Toluene or Xylene.

### Coverage:

BCI TC is available in 20 liters.

